

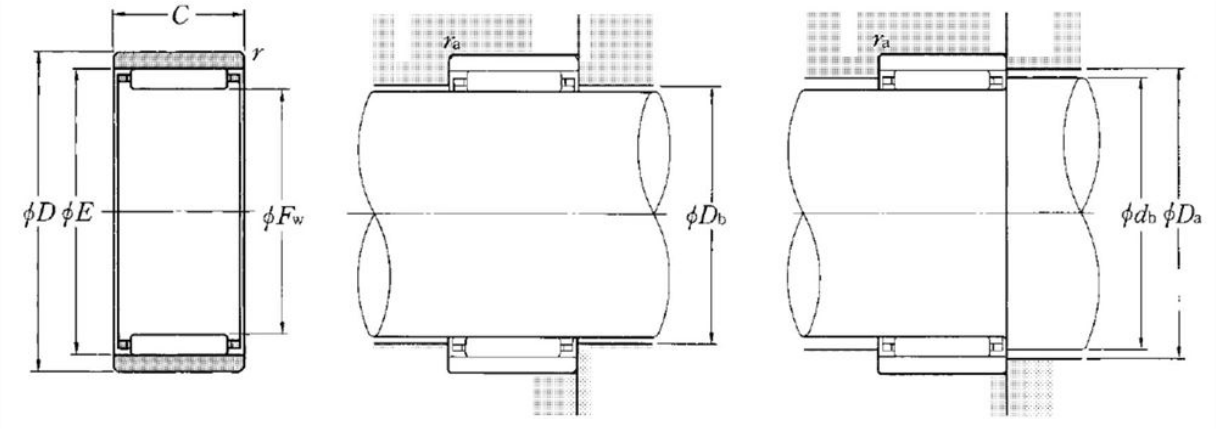
Technical datasheet

RNA0-32X42X13

Needle roller bearing, machined-ring, separable, without inner ring

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Visual(s)



Product definition

Fw	32 mm
D	42 mm
C	13 mm
E	37 mm
rs min	0.3 mm
Dw	2.5 mm
Lw	9.8 mm
Lubrication hole on outer ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.05 kg
Brand	NTN

Product performance

Cr	14.5 kN
C0r	23 kN
Nlim (grease)	8,500 rpm
Nlim (oil)	13,000 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic rolling element frequency, BSF	13.73 Hz
Characteristic outer ring frequency, BPF0	11.13 Hz
Characteristic inner ring frequency, BPFI	12.87 Hz

Abutment dimensions

db	36.4 mm
Da max	40 mm
Db	32.6 mm
ras max	0.3 mm